

Author Response: Comparison of Local Structure–Function Relationships and Dynamic Range in Glaucoma

We greatly appreciate the interest of Dr. Wang¹ in our article² and would like to express our thanks for the opportunity to address the issues raised by Dr. Wang.

A goal of this study was to compare the dynamic range of measurements for various macular parameters. Hence, 8 normal eyes were added to the sample to provide the a wide range of macular measurements from normal to advanced glaucoma. Since no comparison of various macular measures between normal and glaucomatous eyes was planned, we believe this number of eyes was adequate. More normal eyes in the sample would inflate the top portion of the bivariate structure-function plots, without significantly adding to the power of the study, especially since 24 individual superpixel and sensitivity measurements per eye were available.

We agree with Dr. Wang that findings derived from a cross-sectional study may not provide a definitive answer to the hypotheses tested in the study, and we have clearly acknowledged that in the paper. Our sample was derived from baseline data of an ongoing longitudinal study. We plan to use the longitudinal data from this study, once complete, to seek a definitive answer to the hypotheses explored here. In the meantime we believe that our preliminary findings can be useful for investigators who are interested in this subject.

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References

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